PATENT ABSTRACTS OF JAPAN

(11)Publication number :   2000-269932

(43)Date of publication of application : 29.09.2000

(51)Int.Cl.   H04J 13/04

(21)Application number : 11-072774   (71)Applicant : YRP MOBILE
                                         TELECOMMUNICATIONS KEY
                                         TECH RES LAB CO LTD
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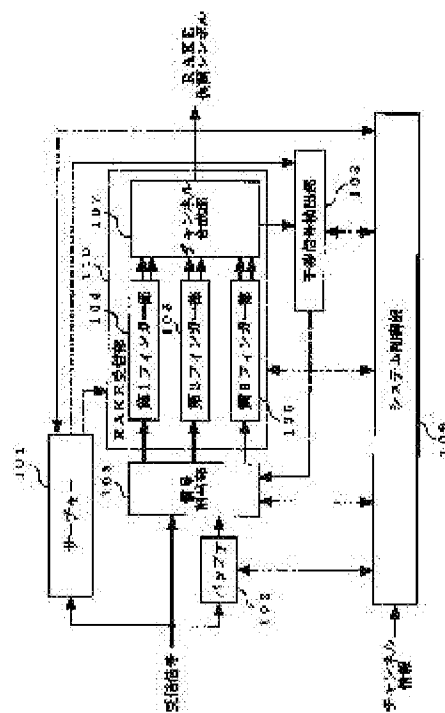(22)Date of filing :   17.03.1999   (72)Inventor : IWAKIRI NAOHIKO

(54) SPREAD SPECTRUM COMMUNICATION UNIT

(57)Abstract:
PROBLEM TO BE SOLVED: To conduct variable data
rate transmission according to a CDMA system with high
quality.
SOLUTION: When making RAKE reception, an
interference signal detection section 108 generates an
interference replica, corresponding to 1st finger section
104 - 3rd finger section 106 from respective reference
signals and searcher detection signals and gives the
interference replica signal to a signal assignment section
103, which applies interference signal eliminating
processing to a delayed received signal read from a
buffer 102, and RAKE reception is conducted again.
When conducting parallel demodulation through 3 code
channels, finger section obtains a reference signal, the
interference signal detection section 108 generates an interference replica signal,
corresponding to an incoming wave assigned to the finger section from the reference signal
and the searcher detection signal, gives the interference replica signal to the signal
assignment section 103, which applies interference elimination processing to the delayed
received signal read from the buffer 102, and conducts parallel demodulation.

LEGAL STATUS

[Date of request for examination]   17.03.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]   3139707

[Date of registration]   15.12.2000

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]